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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/577,268	05/23/2000	Ariel Hazi	254/147	3565

22804 7590 07/10/2003

THE HECKER LAW GROUP
1925 CENTURY PARK EAST
SUITE 2300
LOS ANGELES, CA 90067

EXAMINER

THOMPSON JR, FOREST

ART UNIT	PAPER NUMBER
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3625

DATE MAILED: 07/10/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/577,268

Applicant(s)

HAZI ET AL.

Examiner

Forest Thompson Jr.

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 16 May 2003.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-4 and 7-37 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-4 and 7-37 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 21 May 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Response to Amendment

1. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action (see Paper No. 7), or will be included here for clarity, as necessary. The text of those sections of Title 35, U.S. Code not otherwise provided in a prior Office action will be included in this action where appropriate.
2. This action is responsive to the amendment A (see Paper #8) filed 05/16/2003 that amended claims 1, 7 and 24, and cancels claims 5 and 6. Claims 1-4 and 7-37 are pending.
3. Claims 1-4 and 7-37 have been examined.

Drawings

4. The drawings were objected to because figures 1 and 3 do not have adequate page margins around the figures. Applicant submitted corrected drawings in amendment A; therefore, examiner withdraws the objection.

Claim Rejections - 35 USC § 102

5. Claims 1-37 were rejected in Paper #7 under 35 U.S.C. 102(b) as being anticipated by King, Jr. et al. (U.S. Patent No. 5,319,542). Applicant's amendment overcame this prior art rejection. Therefore, examiner withdraws the rejection.

Claim Rejections - 35 USC § 103

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

7. This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

8. Claims 1-4 and 7-37 are rejected under 35 U.S.C. 103(a) as being unpatentable over by French et al. (U.S. Patent No. 5,649,181), and further in view of King, Jr. et al. (U.S. Patent No. 5,319,542).

Claims 1-4 and 7-37: French et al. discloses a system for providing an electronic database. The system comprises the features of:

- a database (Abstract; col. 3 lines 24-45)

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- an electronic database storing product information (col. 3 lines 24-45)
- data records consisting of data elements (col. 3 lines 24-45)
- selecting data records (col. 4 lines 35-53)
- software program for selectively accessing, maintaining, formatting, and displaying data records to users (col. 5 lines 1-53)
- a data masking module for determining the data records to display, said masking module is further for defining the first subset by performing a bitwise AND operation between said first and said second bit vector index (col. 5 lines 1-53)

French et al. does not specifically disclose data records that are selected for display based on the user; a server connected to a network; an access control module that provides authorization for user access to selected data records; nor a billing module to charge for database access. However, King discloses:

- a shared electronic catalog (Abstract; col. 3 line 60 – col. 5 line 28)
- an electronic database storing product information (Abstract)
- data records consisting of data elements (col. 3 lines 15-col. 4 line 67)
- software program for selectively accessing, maintaining, formatting, and displaying data records to users (col. 5 lines 31-55)
- data records that are selected for display based on the user (col. 3 lines 15-col. 4 line 67)
- a data masking module for determining the data records to display to selected users (col. 3 lines 15-col. 4 line 67)

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- data records that are selected for display based on the user (col. 3 lines 15-col. 4 line 67);
- a server connected to a network (col. 4 lines 3-33);
- an access control module that provides authorization for user access .to selected data records (col. 5 lines 1-16); and
- a billing module to charge for database access (col. 5 lines 22-28).

Therefore, it would have been obvious to one skilled in the art at the time the invention was made to modify the disclosure of French et al. to specifically select data records for display based on the user, include a server connected to a network, and include an access control module that provides authorization for user access .to selected data records, as disclosed by King et al., for the motivation of providing an electronic catalog.

Response to Arguments

9. Applicant's arguments with respect to claims 1-4 and 7-37 have been considered but are moot in view of the new ground(s) of rejection. Additionally,

Applicant argues (at pg. 2-3 of Paper #8) that King lacks a first subset and second subset of data records that comprise one or more data records selected from a master data set.

Examiner disagrees. Examiner's rejection of claim 1 (see paper #7) identified in the prior art (King, Patent No. 5,319,542) a first and second subsets of data records that were selected by the user from the master data base. Applicant's amendment to claim

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one overcomes the rejection or claim 1, but does not obviate the use of King for selected aspects of applicant's invention. King does disclose the identification of subsets of the master database by the user through the selection by the user of data records to download to the user computer in the context of the private catalog (Abstract; col. 2 lines 25-42). Additionally, new prior art is identified in the rejection above that discloses this aspect of applicant's invention.

Therefore, examiner maintains the rejection.

Applicant's other arguments are overcome by new prior art used in the rejection in the above sections (i.e., French et al. U.S. Patent No. 5,649,181). Therefore, examiner rejects claims 1-4 and 7-37, as stated in section

Conclusion

10. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

11. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Prior art includes:

- Chadha et al. (U.S. Patent No. 5,706,495) discloses a method, apparatus, and article of manufacture for optimizing SQL queries in a relational database management system using a vectorized index Gille (U.S. Patent No. 5,874,964) discloses that collections of articles or entities are represented on a video display in a manner that allows one to view the relationship, if any, between those articles.
- Egan et al. (U.S. Patent No. 6,356,888) discloses an apparatus and method to significantly improve performance of the SQL DISTINCT function processing through the use of an encoded vector index (EVI), which provides the data necessary to generate query results for SQL DISTINCT functions that specify one or more database fields upon which the EVI is built.
- Chen et al. (U.S. Patent No. 5,852,821) discloses A server performing an indexing method of data management to create and maintain indexes more efficiently than existing indexing approaches is described. The server is disposed between an application program and a DBMS and is coupled to a data base located within the DBMS. The data base has an ordered set of data values stored in memory. Each data value has a bit pattern and an identifier associated therewith. The server creates a

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plurality of bit vectors such that the number of bit vectors created equals the longest length bit pattern for the values.

12. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Forest O. Thompson Jr. whose telephone number is (703) 306-5449. The examiner can normally be reached on 6:30-3:30.

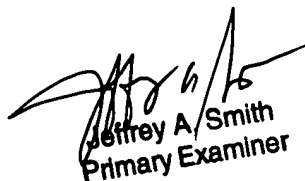
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wynn Coggins can be reached on (703) 308-1344. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 305-7687 for regular communications and (703) 305-7687 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.



F. Thompson

July 3, 2003



Jeffrey A. Smith
Primary Examiner